

Title (en)
Plug and socket device

Title (de)
Steckvorrichtung

Title (fr)
Dispositif à éléments mâle et femelle

Publication
EP 2854231 A1 20150401 (EN)

Application
EP 14186521 A 20140926

Priority
DE 102013219459 A 20130926

Abstract (en)
A plug and socket device comprising at least one housing and one base plate for accommodating the at least one housing, wherein the housing has a base body and at least two locking means located on it, wherein the locking means each have an elongated locking arm and a locking hook, wherein the base plate has at least one locking nose corresponding to the locking means, wherein the locking nose is formed in such a manner that in the fully plugged-in position of the housing and the ground plate the locking hook engages behind the locking nose in such a manner that a positive locking is established between the locking means and the locking nose, so that an unintentional detachment of the plug and socket device is made difficult. Furthermore, the base plate has at least one securing element, wherein the securing element is designed in such a manner that the securing element prevents the detachment of the locking hook and thus serves to secure the position of the locking means in the fully plugged-in position.

IPC 8 full level
H01R 13/506 (2006.01); **H01R 13/627** (2006.01); **H01R 13/639** (2006.01); **H01R 13/516** (2006.01)

CPC (source: EP US)
G02B 6/3893 (2013.01 - EP US); **H01R 13/506** (2013.01 - EP US); **H01R 13/6273** (2013.01 - EP US); **H01R 13/639** (2013.01 - EP US); **H01R 13/516** (2013.01 - EP US)

Citation (search report)

- [XYI] DE 19714459 A1 19981015 - FRAMATOME CONNECTORS INT [DE]
- [YA] US 5226835 A 19930713 - BAKER III FRANK P [US], et al
- [A] EP 1662620 A2 20060531 - YAZAKI EUROPE LTD [GB]
- [A] US 2005202706 A1 20050915 - BONA VIA NEAL [US], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2854231 A1 20150401; **EP 2854231 B1 20180711**; DE 102013219459 A1 20150326; US 2015086171 A1 20150326; US 9529161 B2 20161227

DOCDB simple family (application)
EP 14186521 A 20140926; DE 102013219459 A 20130926; US 201414495865 A 20140924